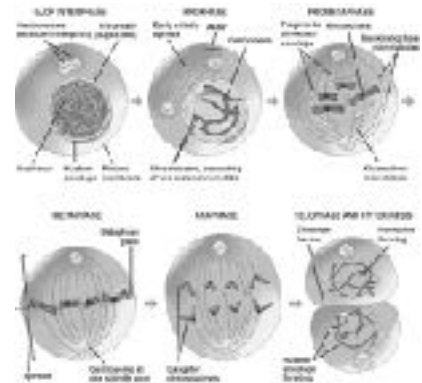
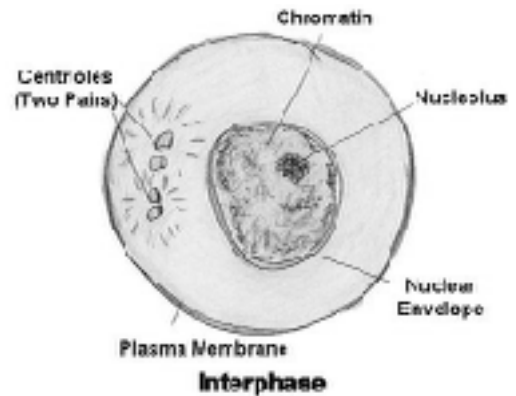


The regular sequence of growth and division that cells undergo is known as the cell cycle.



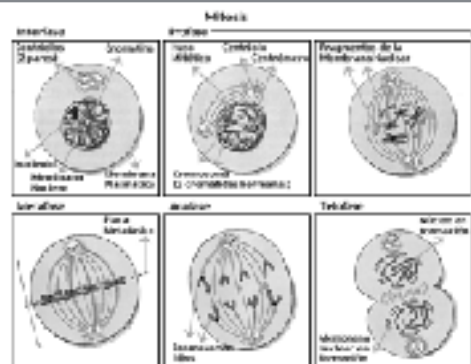
The first stage of the cell cycle is called interphase.



The cell makes an exact copy of the DNA in its nucleus in a process called replication.



Mitosis is the stage during which the cell's nucleus divides into two new nuclei.



The threadlike chromatin in the cell's nucleus condenses to form double – rod structures called chromosomes.



During cytokinesis, the cytoplasm divides, distributing the organelles into each of the two new cells.

